Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003355.D
Acq On : 23 Sep 2020 13:44
Operator : CG/JU
Sample : PB131824BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131824BS

Quant Time: Sep 23 14:12:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 12:48:08 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.563	152	135798	20.00	ng		0.00
21) Naphthalene-d8	10.340	136	534268	20.00	ng		0.00
39) Acenaphthene-d10	14.216	164	320460	20.00	ng		0.00
64) Phenanthrene-d10	16.969	188	653260	20.00	ng		0.00
76) Chrysene-d12	21.068	240	595999	20.00	ng		0.00
86) Perylene-d12	23.257	264	565736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.175	112	881252	113.31	ng		0.00
7) Phenol-d6	6.763	99	1112415	107.31	ng		0.00
23) Nitrobenzene-d5	8.716	82	885213	97.34	ng		0.00
42) 2,4,6-Tribromophenol	15.716	330	435534	89.11	ng		0.00
45) 2-Fluorobiphenyl	12.834	172	2034497	92.85	ng		0.00
79) Terphenyl-d14	19.545	244	2230588	77.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.087	88	122180	38.23	ng		99
3) Pyridine	3.475	79	281698	33.10	ng		92
4) n-Nitrosodimethylamine	3.393	42	98474	38.69	ng		96
6) Aniline	6.893	93	422210	35.47	ng		95
8) 2-Chlorophenol	7.134	128	350111	40.42	ng		91
9) Benzaldehyde	6.704	77	176701	30.57	ng		88
10) Phenol	6.793	94	418450	42.26	ng		95
11) bis(2-Chloroethyl)ether	6.999	93	318723	40.62	ng		97
12) 1,3-Dichlorobenzene	7.451	146	384522	37.13	ng	#	96
13) 1,4-Dichlorobenzene	7.599	146	394822	37.69	ng		97
14) 1,2-Dichlorobenzene	7.910	146	367928	36.59	ng		96
15) Benzyl Alcohol	7.810	79	283718	41.19	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.093	45	232983	40.84	ng		92
17) 2-Methylphenol	8.028	107	288526	40.30	ng		96
18) Hexachloroethane	8.634	117	144105	36.92	ng		99
19) n-Nitroso-di-n-propyla...	8.369	70	217718	39.20	ng		95
20) 3+4-Methylphenols	8.351	107	382970	40.19	ng		97
22) Acetophenone	8.381	105	496255	37.82	ng	#	96
24) Nitrobenzene	8.757	77	354401	38.95	ng		88
25) Isophorone	9.281	82	651079	39.06	ng		93
26) 2-Nitrophenol	9.463	139	190830	38.40	ng	#	87
27) 2,4-Dimethylphenol	9.546	122	310056	44.11	ng		94
28) bis(2-Chloroethoxy)met...	9.763	93	409203	36.89	ng		98
29) 2,4-Dichlorophenol	10.010	162	325512	37.06	ng		97
30) 1,2,4-Trichlorobenzene	10.210	180	361183	34.66	ng		99
31) Naphthalene	10.393	128	1036658	36.73	ng		100
32) Benzoic acid	9.728	122	131324	30.28	ng		85
33) 4-Chloroaniline	10.510	127	284170	23.70	ng	#	95
34) Hexachlorobutadiene	10.687	225	230690	32.43	ng		100
35) Caprolactam	11.275	113	97127	33.14	ng		90
36) 4-Chloro-3-methylphenol	11.663	107	333369	35.21	ng		91
37) 2-Methylnaphthalene	12.016	142	732811	35.84	ng		98
38) 1-Methylnaphthalene	12.234	142	693806	35.74	ng		99
40) 1,2,4,5-Tetrachloroben...	12.398	216	395599	37.70	ng		99
41) Hexachlorocyclopentadiene	12.381	237	277861	75.66	ng		99
43) 2,4,6-Trichlorophenol	12.645	196	242333	35.73	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.728	196	259738	37.22	ng	#	97
46) 1,1'-Biphenyl	13.039	154	917094	38.37	ng		98
47) 2-Chloronaphthalene	13.081	162	702410	35.49	ng		97
48) 2-Nitroaniline	13.292	65	176854	35.31	ng	#	81
49) Acenaphthylene	13.934	152	1124412	37.18	ng		99
50) Dimethylphthalate	13.681	163	857424	33.51	ng		100
51) 2,6-Dinitrotoluene	13.798	165	191885	34.98	ng	#	86
52) Acenaphthene	14.281	154	649498	35.29	ng		100
53) 3-Nitroaniline	14.128	138	137706	23.17	ng		83
54) 2,4-Dinitrophenol	14.351	184	166653	65.64	ng	#	91
55) Dibenzofuran	14.616	168	1037554	35.32	ng		97
56) 4-Nitrophenol	14.469	139	259370	71.40	ng	#	76
57) 2,4-Dinitrotoluene	14.598	165	254919	33.51	ng	#	81
58) Fluorene	15.269	166	799024	34.44	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.857	232	219274	33.42	ng		98
60) Diethylphthalate	15.051	149	852775	32.67	ng		99
61) 4-Chlorophenyl-phenyle...	15.269	204	426008	33.64	ng		98
62) 4-Nitroaniline	15.292	138	183815	29.14	ng		79
63) Azobenzene	15.563	77	733076	36.84	ng		92
65) 4,6-Dinitro-2-methylph...	15.369	198	135343	39.26	ng		95
66) n-Nitrosodiphenylamine	15.480	169	716386	37.33	ng		99
67) 4-Bromophenyl-phenylether	16.163	248	280159	35.48	ng		98
68) Hexachlorobenzene	16.286	284	322146	34.34	ng		96
69) Atrazine	16.445	200	230188	30.58	ng		99
70) Pentachlorophenol	16.633	266	261597	66.24	ng		96
71) Phenanthrene	17.010	178	1258588	35.41	ng		99
72) Anthracene	17.104	178	1278841	36.51	ng		100
73) Carbazole	17.375	167	1133941	34.08	ng		99
74) Di-n-butylphthalate	17.945	149	1403326	32.99	ng		99
75) Fluoranthene	18.992	202	1459491	32.66	ng		99
77) Benzidine	19.174	184	587331	31.78	ng		99
78) Pyrene	19.345	202	1480483	39.83	ng		100
80) Butylbenzylphthalate	20.227	149	610594	35.91	ng		91
81) Benzo(a)anthracene	21.051	228	1384872	35.94	ng		100
82) 3,3'-Dichlorobenzidine	20.986	252	463813	31.15	ng		99
83) Chrysene	21.104	228	1323705	35.76	ng		99
84) Bis(2-ethylhexyl)phtha...	20.992	149	859215	35.89	ng		99
85) Di-n-octyl phthalate	21.845	149	1490258	34.07	ng		98
87) Indeno(1,2,3-cd)pyrene	25.486	276	1675431	39.07	ng		97
88) Benzo(b)fluoranthene	22.598	252	1426951	39.94	ng		99
89) Benzo(k)fluoranthene	22.645	252	1355382	39.59	ng		98
90) Benzo(a)pyrene	23.162	252	1280215	38.00	ng		99
91) Dibenzo(a,h)anthracene	25.492	278	1409116	39.82	ng		99
92) Benzo(g,h,i)perylene	26.162	276	1443330	40.86	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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